Bibliografía

- Abbe, Emmanuel A., Amir E. Khandani, and Andrew W. Lo. 2012. "Privacy-Preserving Methods for Sharing Financial Risk Exposures." *American Economic Review* 102, no. 3: 65–70.
- Acharya, Viral V., Lasse Pedersen, Thomas Philippon, and Matthew Richardson. 2009. "Regulating Systemic Risk." In *Restoring Financial Stability: How to Repair a Failed System*, edited by Viral V. Acharya and Matthew Richardson, 283–303. Hoboken, NJ: John Wiley & Sons.
- Adolphs, Ralph, Daniel Tranel, Hanna Damasio, and Antonio R. Damasio. 1994. "Impaired Recognition of Emotion in Facial Expressions Following Bilateral Damage to the Human Amygdala." *Nature* 372: 669–672.
- Alchian, Armen. 1950. "Uncertainty, Evolution and Economic Theory." *Journal of Political Economy* 58: 211–221.
- Alexander, Sidney S. 1961. "Price Movements in Speculative Markets: Trends or Random Walks." *Industrial Management Review* 2: 7–26.
- American Cancer Society. 2016. Cancer Facts and Figures 2016. Atlanta, GA: American Cancer Society.
- Andersen, Espen S. 1994. Evolutionary Economics: Post-Schumpeterian Contributions. London, UK: Pinter.
- Anderson, Philip W., Kenneth J. Arrow, and David Pines, eds. 1988. The Economy as an Evolving Complex System. Reading, MA: Addison-Wesley.
- Andrews, Edmund L. 2008. "Greenspan Concedes Error on Regulation." New York Times, October 23.
- Aristotle. 1944. *Aristotle in 23 Volumes*. Vol. 21. Translated by Harris Rackham. Cambridge, MA: Harvard University Press.
- Arrow, Kenneth J. 1964. "The Role of Securities in the Optimal Allocation of Riskbearing." *Review of Economic Studies* 31: 91–96.
- Arrow, Kenneth J, and Simon A. Levin. 2009. "Intergenerational Resource Transfers with Random Offspring Numbers." Proceedings of the National Academy of Sciences 106: 13702–13706.
- Arthur, W. Brian, John H. Holland, Blake LeBaron, Richard Palmer, and Paul Tayler. 1997. "Asset Pricing under Endogenous Expectations in an Artificial Stock Market." In *The Economy as an Evolving Complex System II*, edited by Arthur, W. Brian, Steven N. Durlauf, and David A. Lane, 15–44. Reading, PA: Addison-Wesley.
- Bakalar, Nicholas. 2010. "In N.C.A.A. Pools, Picking Underdogs Is Overrated." New York Times, March 14.
- Barnea, Amir, Henrik Cronqvist, and Stephan Siegel. 2010. "Nature or Nurture: What Determines Investor Behavior?" *Journal of Financial Economics* 98: 583–604.
- Baron-Cohen, Simon. 1989. "The Autistic Child's Theory of Mind: A Case of Specific Developmental Delay." *Journal of Child Psychology and Psychiatry* 30: 285–297.
- Bartra, Oscar, Joseph T. McGuire, and Joseph W. Kable. 2013. "The Valuation System: A Coordinate-Based Meta-Analysis of BOLD fMRI Experiments Examining Neural Correlates of Subjective Value." *NeuroImage* 76: 412–427.

- Bass, Thomas A. 1985. The Eudaemonic Pie. Boston: Houghton Mifflin.
- —. 2000. *Th e P r edictors*. New York: Henry Holt.
- Baumeister, Roy F., Todd F. Heatherton, and Dianne M. Tice. 1994. *Losing Control: How and Why People Fail At Self-Regulation*. San Diego: Academic Press.
- BBC News Magazine. 2012. "Congenital Analgesia: The Agony of Feeling No Pain." July 16. http://www.bbc.co.uk/news/magazine-18713585.
- Bechara, Antoine, Antonio R. Damasio, Hanna Damasio, and Steven W. Anderson. 1994. "Insensitivity to Future Consequences Following Damage to Human Prefrontal Cortex." *Cognition* 50: 7–15.
- Bechara, Antoine, Daniel Tranel, Hanna Damasio, Ralph Adolphs, Charles Rockland, and Antonio R. Damasio. 1995. "Double Dissociation of Conditioning and Declarative Knowledge Relative to the Amygdala and Hippocampus in Humans." *Science* 269: 1115–1118.
- Behrend, Erika R., and M. E. Bitterman. 1961. "Probability-Matching in the Fish." *American Journal of Psychology* 74: 542–551.
- Beinhocker, Eric D. 2006. The Origin of Wealth: Evolution, Complexity and the Radical Remaking of Economics. Boston, MA: Harvard Business School Press.
- Benner, Samuel. 1876. Benner's Prophecies of Future Ups and Downs in Prices: What Years to Make Money on Pig-Iron, Hogs, Corn, and Provisions. Cincinnati: Published by the author.
- Berkshire Hathaway. 2002. Annual Report.
- Bersaglieri, Todd, Pardis C. Sabeti, Nick Patterson, Trisha Vanderploeg, Steve F. Schaffner, Jared A. Drake, Matthew Rhodes, David E. Reich, and Joel N. Hirschhorn. 2004. "Genetic Signatures of Strong Recent Positive Selection at the Lactase Gene." *American Journal of Human Genetics* 74: 1111–1120.
- Berton, Justin. 2010. "Biblical Scholar's Date for Rapture: May 21, 2011." SFGate.com, January 1. http://www.sfgate.com/bayarea/article/Biblical-scholar-s-date-for-rapture-May-21–2011-3204226.php.
- Billio, Monica, Mila Getmansky, Dale Gray, Andrew W. Lo, Robert C. Merton, and Loriana Pelizzon. 2016. "Granger-Causality Networks of Sovereign Risk." Working paper, MIT Laboratory for Financial Engineering.
- Billio, Monica, Mila Getmansky, Andrew W. Lo, and Loriana Pelizzon. 2012. "Econometric Measures of Connectedness and Systemic Risk in the Finance and Insurance Sectors." *Journal of Financial Economics*, 104: 535–559.
- Bitterman, M. E., Jerome Wodinsky, and Douglas K. Candland. 1958. "Some Comparative Psychology." *American Journal of Psychology* 71: 94–110.
- Black, Fischer. 1972. "Capital Market Equilibrium with Restricted Borrowing." *Journal of Business* 45: 444–455.
- —. 1976. "Studies of Stock Price Volatility Changes." *Proceedings of the 1976 Meeting of the American Statistical Association (Business and Economics Section)*, 177–181. Alexandria, VA: ASA.
- Black, Fischer, and André F. Pérold. 1992. "Theory of Constant Proportion Portfolio Insurance." *Journal of Economic Dynamics and Control* 16: 403–426.
- Black, Fischer, and Myron Scholes. 1973. "Pricing of Options and Corporate Liabilities." *Journal of Political Economy* 81: 637–654.
- Blinder, Alan S. 2009. "Six Errors on the Path to the Financial Crisis." *New York Times*, January 24.

- Blinder, Alan S., and Ricardo Reis. 2005. "Understanding the Greenspan Standard." In *The Greenspan Era: Lessons for the Future: A Symposium*, 11–96. Kansas City, MO: Federal Reserve Bank of Kansas City.
- Blume, Larry, and David Easley. 1992. "Evolution and Market Behavior." *Journal of Economic Theory* 58: 9–40.
- Bocskocsky, Andrew, John Ezekowitz, and Carolyn Stein. 2014. "Heat Check: New Evidence on the Hot Hand in Basketball." Available at SSRN: http://ssrn.com/abstract=2481494.
- Bogle, John C. 1997. "The First Index Mutual Fund: A History of Vanguard Index Trust and the Vanguard Index Strategy." Electronic copy available at http://www.vanguard.com/bogle_site/bogle_lib.html#1997.
- Boisjoly, Roger M. 1985. Interoffice memo to R. K. Lund, Morton Thiokol, July 15. Records of Temporary Committees, Commissions, and Boards, 1893–2008, Record Group 220. National Archives at College Park, College Park, Maryland. Online version available through Online Public Access (National Archives Identifier 596263) at www.archives.gov.
- Bonner, John Tyler. 2006. Why Size Matters: From Bacteria to Blue Whales. Princeton: Princeton University Press.
- Breimyer, Harold F. 1959. "Emerging Phenomenon: A Cycle in Hogs." *Journal of Farm Economics* 41: 760–768.
- Breiter, Hans C., Itzhak Aharon, Daniel Kahneman, Anders Dale, and Peter Shizgal. 2001. "Functional Imaging of Neural Responses to Expectancy and Experience of Monetary Gains and Losses." *Neuron* 30: 619–639.
- Brennan, Thomas J., and Andrew W. Lo. 2011. "The Origin of Behavior." Quarterly Journal of Finance 1: 55–108.
- Brennan, Thomas J., and Andrew W. Lo. 2012 "An Evolutionary Model of Bounded Rationality and Intelligence." *PLoS ONE* 7, no. 11: e50310.
- —. 2014. "Dynamic Loss Probabilities and Implications for Financial Regulation." *Yale Journal on Regulation* 31: 667–694.
- Brown, Craig O., and I. Serdar Dinç. 2011. "Too Many To Fail? Evidence of Regulatory Forbearance When the Banking Sector Is Weak." *Review of Financial Studies* 24: 1378–1405.
- Buffett, Warren. 1984. "The Superinvestors of Graham-and-Doddsville." *Hermes* (fall): 4–15.
- Burbano, Hernán A., Emily Hodges, Richard E. Green, Adrian W. Briggs, Johannes Krause, Matthias Meyer, Jeffrey M. Good, Tomislav Maricic, Philip L. F. Johnson, Zhenyu Xuan, Michelle Rooks, Arindam Bhattacharjee, Leonardo Brizuela, Frank W. Albert, Marco de la Rasilla, Javier Fortea, Antonio Rosas, Michael Lachmann, Gregory J. Hannon, and Svante Pääbo. 2010. "Targeted Investigation of the Neandertal Genome by Array-Based Sequence Capture." Science 328: 723–725.
- Burnham, Terence C. 2007. "High-Testosterone Men Reject Low Ultimatum Game Offers." Proceedings of the Royal Society B: Biological Sciences 274: 2327–2330.
- —. 2013. "Toward a Neo-Darwinian Synthesis of Neoclassical and Behavioral Economics." Journal of Economic Behavior and Organization 90: S113–S127.
- Carlsson, Arvid, Margit Lindqvist, and Tor Magnusson. 1957. "3,4-Dihydroxy phenylalanine and 5-Hydroxytryptophan As Reserpine Antagonists." *Nature* 180: 1200

- Caspi, Avshalom, Karen Sugden, Terrie E. Moffitt, Alan Taylor, Ian W. Craig, HonaLee Harrington, Joseph McClay, Jonathan Mill, Judy Martin, Antony Braithwaite, and Richie Poulton. 2003. "Influence of Life Stress on Depression: Moderation by a Polymorphism in the 5-HTT Gene." *Science* 301: 386–389.
- Chan, Nicholas, Mila Getmansky, Shane M. Haas, and Andrew W. Lo. 2006. "Systemic Risk and Hedge Funds." In *The Risks of Financial Institutions*, edited by Mark Carey and Rene M. Stulz, 235–338. Chicago: University of Chicago Press.
- Chave, Jérôme, and Simon Levin. 2003." Scale and Scaling in Ecological and Economic Systems." *Environmental and Resource Economics* 26: 527–557.
- Chen, Feng-Chi, and Wen-Hsiung Li. 2001. "Genomic Divergences between Humans and Other Hominoids and the Effective Population Size of the Common Ancestor of Humans and Chimpanzees." *American Journal of Human Genetics* 68: 444–456.
- Cherkashin, Dmitriy, J. Doyne Farmer, and Seth Lloyd. 2009. "The Reality Game." Journal of Economic Dynamics and Control 33: 1091–1105.
- Clark, Luke, Andrew J. Lawrence, Frances Astley-Jones, and Nicola Gray. 2009. "Gambling Near-Misses Enhance Motivation to Gamble and Recruit Win-Related Brain Circuitry." *Neuron* 61: 481–490.
- Clark, Nicola. 2008. "Bank Outlines How Trader Hid His Activities." *New York Times*, January 28.
- CME Group. 2010. "CME SPAN: Standard Portfolio Analysis of Risk." Available at http://www.cmegroup.com/clearing/files/span-methodology.pdf.
- —. 2015. Risk Management Overview. Available at http://www.cmegroup.com/clearing/risk-management.
- Coates, John M., and Joe Herbert. 2008. "Endogenous Steroids and Financial Risk Taking On a London Trading Floor." *Proceedings of the National Academy of Sciences* 105: 6167–6172.
- Coffee, John C. 2008. "Analyzing the Credit Crisis: Was the SEC Missing in Action?" *New York Law Journal*, December 5.
- Cohn, Alain, Ernst Fehr, and Michel André Maréchal. 2014. "Business Culture and Dishonesty in the Banking Industry." *Nature* 516: 86–89.
- Collier, Paul. 2007. The Bottom Billion: Why the Poorest Countries Are Failing and What Can Be Done. New York: Oxford University Press.
- Commodity Futures Trading Commission/Securities and Exchange Commission (CFTC/SEC). 2010. *Preliminary Findings Regarding the Market Events of May 6*, 2010. Report of the Staffs of the CFTC and SEC to the Joint Advisory Committee on
- Emerging Regulatory Issues. May 18. http://www.sec.gov/sec-cftc-prelimreport.pdf. Cook, Laurence M. 2003, "The Rise and Fall of the Carbonaria Form of the Peppered Moth." *Quarterly Review of Biology* 78: 399–417.
- Cook, Laurence M., B. S. Grant, I. J. Saccheri, and J. Mallet. 2012. "Selective Bird Predation on the Peppered Moth: The Last Experiment of Michael Majerus." *Biology Letters*, published ahead of print February 8, 2012. doi:10.1098/rsbl.2011.1136.
- Cootner, Paul H. 1962. "Stock Prices: Random vs. Systematic Changes." *Industrial Management Review* 3: 24–45.
- Coppersmith, Don. 1994. "The Data Encryption Standard (DES) and Its Strength against Attacks." *IBM Journal of Research and Development* 38: 243–250.

- Cosmides, Leda, and John Tooby. 1987. "From Evolution to Behavior: Evolutionary Psychology as the Missing Link," in The Latest on the Best: Essays on Evolution and Optimality, edited by John Dupre, 227–306. Cambridge, MA: MIT Press.
- Crowther-Heyck, Hunter. 2005. *Herbert A. Simon: The Bounds of Reason in Modern America*. Baltimore: Johns Hopkins University Press.
- Currier, Chet. 2006. "Buffett Says Hedge Funds Are Older Than You Think." *Bloomberg*, September 29. http://www.bloomberg.com/apps/news?pid=newsarchive&sid=a1UhnH5DkE34.
- Dabbs, James M. Jr., Denise de La Rue, and Paula M. Williams. 1990. "Testosterone and Occupational Choice: Actors, Ministers, and Other Men." *Journal of Personality and Social Psychology* 59: 1261–1265.
- Dahan, Ely, Adlar J. Kim, Andrew W. Lo, Tomaso Poggio, and Nicholas Chan. 2011. "Securities Trading of Concepts (STOC)." *Journal of Marketing Research* 48: 497–517.
- Damasio, Antonio R. 1994. Descartes' Error: Emotion, Reason, and the Human Brain. New York: Putnam.
- Damasio, Antonio R., Daniel Tranel, and Hanna Damasio. 1991. "Somatic Markers and the Guidance of Behaviour: Theory and Preliminary Testing." In *Frontal Lobe Function and Dysfunction*, edited by Harvey S. Levin, Howard M. Eisenberg, and Arthur Lester Benton, 217–229. New York: Oxford University Press.
- —. 1998. "Somatic Markers and the Guidance of Behavior." In *Human Emotions: A Reader*, edited by Jennifer M. Jenkins, Keith Oatley, and Nancy L. Stein, 122–135. Oxford: Blackwell.
- Danziger, Shai, Jonathan Levav, and Liora Avnaim-Pesso. 2011a. "Extraneous Factors in Judicial Decisions." *Proceedings of the National Academy of Sciences* 108: 6889, 6882
- —. 2011b. "Reply to Weinshall-Margel and Shapard: Extraneous Factors in Judicial Decisions Persist." *Proceedings of the National Academies of Science* 108, no. 42:
- Darwin, Charles. 1845. Journal of Researches into the Natural History and Geology of the Countries Visited during the Voyage of H.M.S. Beagle Round the World, Under the Command of Capt. Fitz Roy, R.N. London: John Murray.
- —. 1859. On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life. London: John Murray.
- Dash, Eric, and Landon Thomas Jr. 2007. "Citigroup Chief Is Set to Exit Amid Losses." New York Times, November 3.
- Davis Polk. 2015. Dodd Frank Progress Report: Fourth Quarter 2015. New York: Davis Polk. http://prod.davispolk.com/sites/default/files/Q4_2015_Dodd-Frank_Progress_Report.pdf.
- Dawkins, Richard. 1986. The Blind Watchmaker. New York: W. W. Norton.
- —. 1989. *The Selfish Gene*. Oxford: Oxford University Press.
- Deason, Stephen, Shivaram Rajgopal, and Gregory Waymire. 2015. "Who Gets Swindled in Ponzi Schemes?" Unpublished working paper, Goizeta Business School, Emory University, Atlanta, GA.
- De Becker, Gavin. 1997. The Gift of Fear: Survival Signals that Protect Us from Violence. Boston: Little Brown.

- Debreu, Gérard. 1959. The Theory of Value: An Axiomatic Analysis of Economic Equilibrium. New York: John Wiley & Sons.
- —. 1991. "The Mathematization of Economic Theαry." American Economic Review 81: 1–7.
- Delong, J. Bradford, Andrei Shleifer, Lawrence Summers, and Robert J. Waldmann. 1991. "The Survival of Noise Traders in Financial Markets." Journal of Business 64: 1–19.
- De Nederlandsche Bank (DNB). 2009. "The Seven Elements of an Ethical Culture." http://www.dnb.nl/en/binaries/The%20Seven%20Elements%20of%20an%20Ethical%20Culture_tcm47-233197.pdf.
- —. 2014. Supervisory Strategy 2014–2018. Amsterdam: De Nederlandsche Bank.
- Deneubourg, Jean-Louis, Serge Aron, Simon Goss, and Jacques Marie Pasteels. 1987. "Error, Communication, and Learning in Ant Societies." *European Journal of Operational Research* 30: 168–172.
- Desrochers, Theresa, Ken-ichi Amemori, and Ann M Graybiel. 2015. "Habit Learning by Naive Macaques Is Marked by Response Sharpening of Striatal Neurons Representing the Cost and Outcome of Acquired Action Sequences." Neuron 87: 853–868.
- Dibner, Mark D., Melanie Trull, and Michael Howell. 2003. "U.S. Venture Capital for Biotechnology." *Nature Biotechnology* 21: 613–617.
- DiMasi, Joseph, Henry G. Grabowski, and Ronald W. Hansen. 2016. "Innovation in the Pharmaceutical Industry: New Estimates of R&D Costs." Journal of Health Economics 47, no. C: 20–33.
- Di Pellegrino, Giuseppe, Luciano Fadiga, Leonardo Fogassi, Vittorio Gallese, and Giacomo Rizzolatti. 1992. "Understanding Motor Events: A Neurophysiological Study." *Experimental Brain Research* 91: 176–180.
- Dockser Marcus, Amy. 2014. "When Parents Start Companies to Cure Their Children." *Wall Street Journal*. December 26. Available at http://www.wsj.com/articles/when-parents-start-companies-to-cure-their-children-1419639500.
- Dowd, Kevin, John Cotter, Chris Humphrey, and Margaret Woods. 2011. "How Unlucky is 25-Sigma?" Available at http://arxiv.org/abs/1103.5672.
- Dyck, Alexander, Adair Morse, and Luigi Zingales. 2013. "How Pervasive Is Corporate Fraud?" Available at SSRN http://ssrn.com/abstract=2222608.
- Eddington, Arthur. 1928. *The Nature of the Physical World: The Gifford Lectures.* New York: Macmillan.
- Eichenwald, Kurt. 1991. "All About/Wall Street Technology; Wall Street's Cutbacks Sidestep Fat Budgets for High-Tech Trading." *New York Times*, April 7.
- Einstein, Albert. 1905. "Über die von der molekularkinetischen Theorie der Wärme geforderte Bewegung von in ruhenden Flüssigkeiten suspendierten Teilchen." *Annalen der Physik* 17: 549–560.
- Eisenbach, Thomas, Andrew Haughwout, Beverly Hirtle, Anna Kovner, David Lucca, and Matthew Plosser. 2015. "Supervising Large, Complex Financial Institutions: What Do Supervisors Do?" Federal Reserve Bank of New York Staff Report No. 729. http://www.ny.frb.org/research/staff_reports/sr729.pdf.
- Eisenberger, Naomi I., Matthew D. Lieberman, and Kipling D. Williams. 2003. "Does Rejection Hurt? An fMRI Study of Social Exclusion." *Science* 302: 290–292.

- Ellsberg, Daniel. 1961. "Risk, Ambiguity, and the Savage Axioms." *Quarterly Journal of Economics* 75: 643–669.
- Elster, Jon. 1998. "Emotions and Economic Th ory." *Journal of Economic Literature* 36: 47–74.
- Eslinger, Paul J., and Antonio R. Damasio. 1985. "Severe Disturbance of Higher Cognition after Bilateral Frontal Lobe Ablation: Patient EVR." *Neurology* 35: 1731–1741.
- Espinosa-Vega, Marco A., Charles Kahn, Rafael Matta, and Juan Solé. 2011. "Systemic Risk and Optimal Regulatory Architecture." International Monetary Fund Working Paper WP/11/193.
- Ezekiel, Mordecai. 1938. "The Cobweb Th eoem." *Qu arterly Jo urnal of Ec onomics* 52: 255–280.
- Fagnan, David, Jose Maria Fernandez, Andrew W. Lo, and Roger M. Stein. 2013. "Can Financial Engineering Cure Cancer?" *American Economic Review* 103: 406–411.
- Falk, Dean. 1990. "Brain Evolution in Homo: The "Radiator" Theory." *Behavioral and Brain Sciences* 13: 333–344.
- Fama, Eugene. 1963. "Mandelbrot and the Stable Paretian Hypothesis." *Journal of Business* 36: 420–29.
- —. 1965a. "The Behavior of Stock Market Prices." *Journal of Business* 38: 34–105.
- —. 1965b. "Random Walks in Stock Market Prices." *Financial Analysts Journal* 21: 55–59.
- —. 1970. "Efficient Capital Markets: A Review of Theory and Empirical Work." *Journal of Finance* 25: 383–417.
- Fama, Eugene, Lawrence Fisher, Michael Jensen, and Richard Roll. 1969. "The Adjustment of Stock Prices to New Information." *International Economic Review* 10: 1-21
- Farmer, J. Doyne. 2002. "Market Force, Ecology, and Evolution." *Industrial and Corporate Change* 11: 895–953.
- Farmer, J. Doyne, and Andrew W. Lo. 1999. "Frontiers of Finance: Evolution and Efficient Markets." *Proceedings of the National Academy of Sciences* 96: 9991–9992.
- Farmer, J. Doyne, and Spyros Skouras. 2013. "An Ecological Perspective on the Future of Computer Trading." Quantitative Finance 13: 325–346.
- Fauci, Anthony S., and Gregory K. Folkers. 2012. "Toward an AIDS-Free Generation." Journal of the American Medical Association 308: 343–344.
- Fearer, Matthew. 2014. "An Improbable Circle of Life." *Paradigm: Life Sciences at Whitehead Institute For Biomedical Research* (Spring): 8–13. Available at http://wi.mit.edu/files/wi/pdf/726/spring2014.pdf.
- Feinstein, Justin S., Ralph Adolphs, Antonio Damasio, and Daniel Tranel. 2011. "The Human Amygdala and the Induction and Experience of Fear." *Current Biology* 21: 34–38.
- Fernandez, Jose-Maria, Roger M. Stein, and Andrew W. Lo. 2012. "Commercializing Biomedical Research through Securitization Techniques." *Nature Biotechnology* 30: 964–975.
- Fielding, Eric, Andrew W. Lo, and Jian Helen Yang. 2011. "The National Transportation Safety Board: A Model for Systemic Risk Management." *Journal of Investment Management* 9: 17–49.

- Financial Crisis Inquiry Commission. 2011. The Financial Crisis Inquiry Report: Final Report of the National Commission on the Causes of the Financial and Economic Crisis in the United States. Washington, DC: Government Printing Office.
- Fisher, Ronald Aylmer. 1930. *The Genetical Theory of Natural Selection*. Oxford: Clarendon Press.
- Forsythe, Robert, Forrest Nelson, George R. Neumann, and Jack Wright. 1992. "Anatomy of an Experimental Political Stock Market." *American Economic Review* 82: 1142–1161.
- Gazzaniga, Michael S. 2008. Human: The Science behind What Makes Us Unique. New York: Ecco.
- —. 2013. "Shifting Gears: Seeking New Approaches for Mind/Brain Mechanisms." Annual Review of Psychology 64:1–20.
- Gazzaniga, Michael S., and Joseph E. LeDoux. 1978. *The Integrated Mind*. New York: Plenum Press.
- Getmansky, Mila, Peter A. Lee, Andrew W. Lo. 2015. "Hedge Funds: A Dynamic Industry in Transition." *Annual Review of Financial Economics* 7, no. 1: 483–577.
- Gibson, Rajna, Carmen Tanner, and Alexander F. Wagner. 2015. "Do Situational Social Norms Crowd Out Intrinsic Preferences? An Experiment Regarding the Choice of Honesty." Available at SSRN: http://ssrn.com/abstract= 2557480.
- Gigerenzer, Gerd. 2015. Simply Rational: Decision Making in the Real World. New York: Oxford University Press.
- Gigerenzer, Gerd, and Wolfgang Gaissmaier. 2011. "Heuristic Decision Making." Annual Review of Psychology 62: 451–482.
- Gilovich, Thomas, Robert Vallone, and Amos Tversky. 1985. "The Hot Hand in Basketball: On the Misperception of Random Sequences." *Cognitive Psychology* 17: 205, 314
- Gimein, Mark. 2005. "Is a Hedge Fund Shakeout Coming Soon? This Insider Thinks So." *New York Times*, September 4.
- Government Accountability Office (GAO). 1999. "Long-Term Capital Management: Regulators Need to Focus Greater Attention on Systemic Risk." GAO/GGD-00-3.
- —, 2000. "Auditing and Financial Management: Responses to Questions Concerning Long-Term Capital Management and Related Events." GAO/GGD-00-67R.
- —. 2009. "Financial Markets Regulation: Financial Crisis Highlights Need to Improve Oversight of Leverage at Financial Institutions and across System." GAO-09-739.
- —. 2013. "Securities and Exchange Commission: Improving Personnel Management Is Critical for Agency's Effectiveness." GAO-13–621. July.
- Graf, Virgil, D. H. Bullock, and M. E. Bitterman. 1964. "Further Experiments on Probability-Matching in the Pigeon." *Journal of the Experimental Analysis of Behavior* 7: 151–157.
- Graham, Jesse, Jonathan Haidt, and Brian A. Nosek. 2009. "Liberals and Conservatives Use Different Sets of Moral Foundations." *Journal of Personality and Social Psychology* 96, 1029–1046.
- Grant, David A., Harold W. Hake, and John P. Hornseth. 1951. "Acquisition and Extinction of a Verbal Conditioned Response with Differing Percentages of Reinforcement." *Journal of Experimental Psychology* 42: 1–5.

- Grant, Peter R. 1999. *Ecology and Evolution of Darwin's Finches*. Princeton, NJ: Princeton University Press.
- Grant, Peter R., and B. Rosemary Grant. 2008. *How and Why Species Multiply: The Radiation of Darwin's Finches*. Princeton, NJ: Princeton University Press. Green, Richard E., Johannes Krause, Adrian W. Briggs, Tomislav Maricic, Udo
- Stenzel, Martin Kircher, Nick Patterson, Heng Li, Weiwei Zhai, Markus Hsi-Yang Fritz, Nancy F. Hansen, Eric Y. Durand, Anna-Sapfo Malaspinas, Jeffrey D. Jensen, Tomas Marques-Bonet, Can Alkan, Kay Prüfer, Matthias Meyer, Hernán A. Burbano, Jeffrey M. Good, Rigo Schultz, Ayinuer Aximu-Petri, Anne Butthof, Barbara Höber, Barbara Höffner, Madlen Siegemund, Antje Weihmann, Chad Nusbaum, Eric S. Lander, Carsten Russ, Nathaniel Novod, Jason Affourtit, Mi-
- Ivan Gušic, Vladimir B. Doronichev, Liubov V. Golovanova, Carles Lalueza-Fox, Marco de la Rasilla, Javier Fortea, Antonio Rosas, Ralf W. Schmitz, Philip L. F. Johnson, Evan E. Eichler, Daniel Falush, Ewan Birney, James C. Mullikin, Montgomery Slatkin, Rasmus Nielsen, Janet Kelso, Michael Lachmann, David Reich, and Svante Pääbo. 2010. "A Draft Sequence of the Neandertal Genome." *Science* 328: 710–722.

chael Egholm, Christine Verna, Pavao Rudan, Dejana Brajkovic, Željko Kucan,

- Greene, Joshua D., Leigh E. Nystrom, Andrew D. Engell, John M. Darley, and Jonathan D. Cohen. 2004. "The Neural Bases of Cognitive Conflict and Control in Moral Judgment." *Neuron* 44: 389–400.
- Greene, Joshua D., R. Brian Sommerville, Leigh E. Nystrom, John M. Darley, and Jonathan D. Cohen. 2001. "An fMRI Investigation of Emotional Engagement in Moral Judgment." *Science* 293: 2105–2108.
- Greenspan, Alan, and James Kennedy. 2005. "Estimates of Home Mortgage Originations, Repayments, and Debt on One-to-Four-Family Residences." Federal Reserve
- Board, Finance and Economics Discussion Series Working Paper 2005–41.
 —. 2008. "Sources and Uses of Equity Extracted From Homes." Oxford Review of Economic Policy 24: 120–144.
- Grossberg, Stephen, and William E. Gutowski. 1987. "Neural Dynamics of Decision Making Under Risk: Affective Balance and Cognitive-Emotional Interactions." *Psychological Review* 94: 300–318.
- Grossman, Sanford J., and Joseph Stiglitz. 1980. "On the Impossibility of Informationally Efficient Markets." *American Economic Review* 70: 393–408.
- Guerrera, Francesco. 2010. "How 'Wall Street' Changed Wall Street." *Financial Times*, September 24.
- Gumbel, Andrew. 2004. "Obituaries: Professor Sidney Morgenbesser." *The Independent*, August 6.
- Güth, Werner, Rolf Schmittberger, and Bernd Schwarze. 1982. "An Experimental Analysis of Ultimatum Bargaining." *Journal of Economic Behavior and Organization* 3: 367–388.
- Haas, G. C., and Mordecai Ezekiel. 1926. Factors Affecting the Price of Hogs. Washington, DC: U.S. Dept. of Agriculture.
- Hahn, Robert W. 1997. "The Economics of Airline Safety and Security: An Analysis of the White House Commission's Recommendations." *Harvard Journal of Law and Public Policy* 20: 791–828.

- Haidt, Jonathan. 2007. "The New Synthesis in Moral Psychology." Science 3 1 6: 998–1002.
- Haines, Michael. 2008. "Fertility and Mortality in the United States." EH.Net Encyclopedia, edited by Robert Whaples. http://eh.net/encyclopedia/article/haines.demography, accessed July 25, 2013.
- Hald, Anders. 1990. A History of Probability and Statistics and Their Applications before 1750. New York: John Wiley & Sons.
- Haldane, Andrew G., and Robert M. May. 2011. "Systemic Risk in Banking Ecosystems." *Nature* 469: 351–355.
- Haldane, J.B.S. 1924. "A Mathematical Theory of Natural and Artificial Selection." Transactions of the Cambridge Philosophical Society 23: 19-41.
- Hamilton, William D. 1964a. "The Genetical Evolution of Social Behavior I." *Journal of Th wretical B iology* 7: 1–16.
- —. 1964b. "The Genetical Evolution of Social Behavior II." *Journal of Th eo retical Bi-ology* 7: 17–52.
- Haney, Craig, Curtis Banks, and Philip Zimbardo. 1973a. "Interpersonal Dynamics in a Simulated Prison." *International Journal of Criminology and Penology* 1: 69–97
- —. 1973b. "Study of Prisoners and Guards in a Simulated Prison." Naval Research Reviews 9: 1–17.
- Harder, Lawrence D., and Leslie A. Real. 1987. "Why Are Bumble Bees Risk Averse?" *Ecology* 68: 1104–1108.
- Harlow, Arthur A. 1960. "The Hog Cycle and the Cobweb Theorem." *Journal of Farm Economics* 42: 842–853.
- Hasanhodzic, Jasmina, and Andrew W. Lo. 2007. "Can Hedge-Fund Returns Be Replicated? The Linear Case." *Journal of Investment Management* 5: 5–45.
- —. 2011. "Black's Leverage Effect is Not Due to Leverage." Available at SSRN: http://ssrn.com/abstract=1762363.
- Haushofer, Johannes, and Ernst Fehr. 2014. "On the Psychology of Poverty." *Science* 344: 862–867.
- Haushofer, Johannes, and Jeremy Shapiro. 2013. "Household Response to Income Changes: Evidence from an Unconditional Cash Transfer Program in Kenya." Working paper. Available at https://www.princeton.edu/~joha/publications/Haushofer_Shapiro_UCT_2013.pdf.
- Hawkins, Jeff, and Sandra Blakeslee. 2004. On Intelligence. New York: Times Books.
- Hayek, Friedrich A. von, and William Warren Bartley. 1988. *The Fatal Conceit: The Errors of Socialism.* Chicago: University of Chicago Press.
- Henriques, Diana B. 2011. *The Wizard of Lies: Bernie Madoff and the Death of Trust.* New York: Henry Holt.
- Henriques, Diana B., and Zachery Kouwe. 2008. "Prominent Trader Accused of Defrauding Clients." *New York Times*, December 11.
- Hens, Thorsten, Terje Lensberg, Klaus Reiner Schenk-Hoppe, and Peter Wöhrmann. 2011. "An Evolutionary Explanation of the Value Premium Puzzle." Journal of Evolutionary Economics 21: 803–815.
- Herodotus. 1987. *The History*. Translated by David Grene. Chicago: University of Chicago Press.

- Hirshleifer, David, and Guo Ying Luo. 2001. "On the Survival of Overconfi dnt Traders in a Competitive Securities Market." *Journal of Financial Markets* 4: 73–84.
- Hirshleifer, Jack. 1977. "Economics from a Biological Viewpoint." *Journal of Law and Economics* 20: 1–52.
- Hodgson, Geoffrey, ed. 1995. Economics and Biology. Cheltenham, UK: Edward Elgar.
- Hölldobler, Bert, and Edward O. Wilson. 1990. Th $e\ A\ n\ ts$. Cambridge, MA: Belknap Press.
- Huggett, Brady. 2015. "Biotech's Wellspring—A Survey of the Health of the Private Sector in 2014." *Nature Biotechnology* 33: 470–477.
- Huggett, Brady, and Kathryn Paisner. 2016. "Research Biotech Patenting 2015." *Nature Biotechnology* 34: 801–802.
- Huizinga, Harry, and Luc Laeven. 2010. "Bank Valuation and Regulatory Forbearance during a Financial Crisis." European Banking Center Discussion Paper No. 2009–17. http://ssrn.com/abstract=1434359.
- Hume, Julian Pender. 2006. "The History of the Dodo *Raphus cucullatus* and the Penguin of Mauritius." *Historical Biology* 18: 69–93.
- Hurlbert, Anya C., and Yazhu Ling. 2007. "Biological Components of Sex Diff rences in Color Preference." Current Biology 17: R623–R625.
- Ibbotson, Roger. 2016. 2016 SBBI Yearbook. New York: John Wiley & Sons.
- Jensen, Michael. 1978. "Some Anomalous Evidence Regarding Market Effi ciency." Journal of Financial Economics 6: 95–101.
- Jensen, Robert. 2007. "The Digital Provide: Information (Technology), Market Performance, and Welfare in the South Indian Fisheries Sector." *Quarterly Journal of Economics* 72: 879–924.
- Jeppesen Sanderson. 2007. *Guided Flight Discovery: Private Pilot*. Englewood, CO: Jeppesen Sanderson.
- Jones, Alfred Winslow. 1949. "Fashions in Forecasting." Fortune (March): 88–91, 180, 182, 184, 186.
- Kable, Joseph W., and Paul W. Glimcher. 2007. "The Neural Correlates of Subjective Value during Intertemporal Choice." *Nature Neuroscience* 10: 1625–1633.
- Kahneman, Daniel, and Amos Tversky. 1979. "Prospect Theory: An Analysis of Decision under Risk." *Econometrica* 47: 263–292.
- —. 1984. "Choices, Values and Frames." *American Psychologist* 39: 341–350.
- Kaldor, Nicholas. 1934. "A Classifi catory Note on the Determinateness of Equilibrium." *Review of Economic Studies* 1: 122–136.
- Kamstra, Mark J., Lisa A. Kramer, and Maurice D. Levi. 2003. "Winter Blues: Seasonal Affective Disorder (SAD) and Stock Market Returns." *American Economic Review* 93: 324–343.
- Kane, E. J. 2015. "Unpacking and Reorienting the Executive Subcultures of Megabanks and The ir Regulators." Available at SSRN: http://ssrn.com/abstract=2594923.
- Kapp, Bruce S., Robert C. Frysinger, Michela Gallagher, and James R. Haselton. 1979.
 "Amygdala Central Nucleus Lesions: Effect on Heart Rate Conditioning in the Rabbit." Physiology and Behavior 23: 1109–1117.
- Kasparov, G. K., and Mig Greengard. 2007. How Life Imitates Chess: Making The R ight Moves, From The Board To The Boardroom. New York: Bloomsbury USA.

- Keasar, Tamar, Ella Rashkovich, Dan Cohen, and Avi Shmida. 2002. "Bees in Two-Armed Bandit Situations: Foraging Choices and Possible Decision Mechanisms." Behavioral Ecology 13: 757–765.
- Kendall, Maurice G. 1953. "The Analysis of Economic Time-Series, Part I: Prices." *Journal of the Royal Statistical Society, Ser. A.* 96: 11–25.
- Keynes, John Maynard. 1936. *The General Theory of Employment, Interest and Money*. London: Macmillan.
- —. 1963. "Economic Possibilities for our Grandchildren." In *Essays in Persuasion*, 358–373. New York: W. W. Norton.
- Khandani, Amir, and Andrew W. Lo. 2007. "What Happened to the Quants in August 2007?" *Journal of Investment Management* 5: 5–54.
- —. 2011. "What Happened to the Quants in August 2007? Evidence from Factors and Transactions Data." *Journal of Financial Markets* 14: 1–46.
- Khandani, Amir E., Andrew W. Lo, and Robert C. Merton. 2013. "Systemic Risk and the Refinancing Ratchet Effect." *Journal of Financial Economics* 108: 29–45.
- Kinderman, Peter, Robin Dunbar, and Richard P. Bentall. 1998. "Theory of Mind Deficits and Causal Attributions." *British Journal of Psychology* 89: 191–204.
- Kirilenko, Andrei A., and Andrew W. Lo. 2013. "Moore's Law versus Murphy's Law: Algorithmic Trading and Its Discontents." *Journal of Economic Perspectives* 27: 51–72
- Kirman, Alan. 1993. "Ants, Rationality, and Recruitment." Quarterly Journal of Economics 108: 137–156.
- Klamer, Arjo. 1983. Conversations with Economists: New Classical Economists and Opponents Speak Out on the Current Controversy in Macroeconomics. Lanham, MD: Rowman & Littlefield.
- Klein, Lawrence Robert. 1970. An Essay on the Theory of Economic Prediction. Chicago: Markham.
- Klüver, Heinrich, and Paul Bucy. 1937. "'Psychic Blindness' and Other Symptoms Following Bilateral Temporal Lobotomy in Rhesus Monkeys." *American Journal of Physiology* 119: 352–523.
- Knight, Frank H. 1921. Risk, Uncertainty, and Profit. Boston: Houghton Mifflin.
- Knight, Malcolm D., chair. 2005. "General Discussion: Has Financial Development Made the World Riskier?" In *The Greenspan Era: Lessons for the Future: A Symposium*, 387–397. Kansas City, MO: Federal Reserve Bank of Kansas City.
- Knutson, Brian, and Peter Bossaerts. 2007. "Neural Antecedents of Financial Decisions." *Journal of Neuroscience* 27: 8174–8177.
- Kogan, Leonid, Stephen Ross, Jiang Wang, and Mark Westerfield. 2006. "The Price Impact Survival and Survival of Irrational Traders." *Journal of Finance* 61: 195–229.
- Krugman, Paul. 2005. "Safe as Houses." New York Times, August 12.
- Krützen, Michael, Janet Mann, Michael R. Heithaus, Richard C. Connor, Lars Bejder, and William B. Sherwin. 2005. "Cultural Transmission of Tool Use in Bottlenose Dolphins." *Proceedings of the National Academy of Sciences* 102: 8939–8943.
- Kuhnen, Camelia M., and Brian Knutson. 2005. "The Neural Basis of Financial Risk Taking." *Neuron* 47: 763–770.
- Labaton, Stephen. 2008. "Agency's '04 Rule Let Banks Pile up New Debt." New York Times. October 3.

- Lai, Cecilia S. L., Simon E. Fisher, Jane A. Hurst, Faraneh Vargha-Khadem, and Anthony P. Monaco. 2001. "A Forkhead-Domain Gene Is Mutated in a Severe Speech and Language Disorder." Nature 413: 519–523.
- Larson, Arnold B. 1960. "Measurement of a Random Process in Futures Prices." *Food Research Institute* 1: 313–324.
- Le, Quoc V., Rajat Monga, Matthieu Devin, Greg Corrado, Kai Chen, Marc'Aurelio Ranzato, Jeff Dean, and Andrew Y. Ng. 2012. "Building High-Level Features Using Large Scale Unsupervised Learning." arXiv:1112.6209 [cs.LG].
- LeDoux, Joseph E. 1996. *The Emotional Brain: The Mysterious Underpinnings of Emotional Life.* New York: Simon & Schuster.
- Leibowitz, Martin L. 2005. "Alpha Hunters and Beta Grazers." *Financial Analysts Journal* 61: 32–39.
- Lensberg, Terje, and Klaus Reiner Schenk-Hoppé. 2007. "On the Evolution of Investment Strategies and the Kelly Rule–A Darwinian Approach." Review of Finance 11: 25–50.
- Leonard, William R., and Marcia L. Robertson. 1994. "Evolutionary Perspectives on Human Nutrition: The Influence of Brain and Body Size on Diet and Metabolism." *American Journal of Human Biology* 6: 77–88.
- Levin, Simon A., and Andrew W. Lo. 2015. "A New Approach to Financial Regulation." Proceedings of the National Academy of Sciences 112: 12543–12544.
- Li, William, Pablo Azar, David Larochelle, Phil Hill, and Andrew W. Lo. 2015. "Law Is Code: A Software Engineering Approach to Analyzing the United States Code." *Journal of Business and Technology Law* 10: 297.
- Lichtenstein, Sarah, Paul Slovic, Baruch Fischhoff, Mark Layman, and Barbara Combs. 1978. "Judged Frequency of Lethal Events." *Journal of Experimental Psychology:*
- Human Learning and Memory 4: 551–578.

 Lim, Terence, Andrew W. Lo, Robert C. Merton, Myron S. Scholes, and Martin B.
- Haugh. 2006. *The Derivatives Sourcebook*. Boston: Now Publishers. Lintner, John. 1965. "The Valuation of Risk Assets and the Selection of Risky Invest-
- ments in Stock Portfolios and Capital Budgets." *Review of Economics and Statistics* 47: 13–37.
- Liston, Conor, Bruce S. McEwen, and B. J. Casey. 2009. "Psychosocial Stress Reversibly Disrupts Prefrontal Processing and Attentional Control." *Proceedings of the National Academy of Sciences* 106: 912–917.
- Lo, Andrew W. 1997. Market Efficiency: Stock Market Behaviour in Theory and Practice. Cheltenham, UK: Edward Elgar.
- —. 1999. "The Three P's of Total Risk Management." Financial Analysts Journal 55: 13-26.
- —. 2004. "The Adaptive Markets Hypothesis: Market Efficiency from an Evolutionary Perspective." *Journal of Portfolio Management* 30: 15–29.
- —. 2005. "Reconciling Efficient Markets with Behavioral Finance: The Adaptive Markets Hypothesis." Journal of Investment Consulting 7: 21–44.
- —. 2012a. "Adaptive Markets and the New World Order." Financial Analysts Journal 68: 18–29.
- —. 2012b. "Reading About the Financial Crisis: A 21-Book Review." Journal of Economic Literature 50: 151–178.

- —. 2016. "What Is an Index?" *Journal of Portfolio Management* 42: 21–36.
- Lo, Andrew W., and Jasmina Hasanhodzic. 2010. *The Evolution of Technical Analysis: Financial Prediction from Babylonian Tablets to Bloomberg Terminals*. Hoboken, NJ: John Wiley & Sons.
- Lo, Andrew W., and A. Craig MacKinlay. 1988. "Stock Market Prices Do Not Follow Random Walks: Evidence from a Simple Specification Test." *Review of Financial Studies* 1: 41–66.
- —. 1990. "When Are Contrarian Profits Due to Stock Market Overreaction?" *Review of Financial Studies* 3: 175–206.
- Lo, Andrew W., and Pankaj Patel. 2008. "130/30: The New Long-Only." *Journal of Portfolio Management* 34: 12–38.
- Lo, Andrew W., and Gary P. Pisano. 2015. "Lessons From Hollywood: A New Approach to Funding Innovation." *Sloan Management Review* 57: 47–57.
- Lo, Andrew W., and Dmitry V. Repin. 2002. "The Psychophysiology of Real-Time Financial Risk Processing." *Journal of Cognitive Neuroscience* 14: 323–339.
- Lo, Andrew W., Dmitry V. Repin, and Brett N. Steenbarger. 2005. "Fear and Greed in Financial Markets: An Online Clinical Study." *American Economic Review* 95: 352–359.
- Lo, Andrew W., and Ruixun Zhang. 2017. Biological Economics. Cheltenham, UK: Edward Elgar.
- Loewenstein, George. 2000. "Emotions in Economic Theory and Economic Behavior." American Economic Review 90: 426–432.
- Loomis, Carol J. 1966. "The Jones Nobody Keeps Up With." *Fortune* (April): 237-242.
- —. 1970. "Hard Times Come to Hedge Funds." *Fortune* (June): 100–103, 136–140.
- Lowenstein, Roger. 2000. When Genius Failed: The Rise and Fall of Long-Term Capital Management. New York: Random House.
- Lucas, Deborah. 2014. "Evaluating the Government as a Source of Systemic Risk." *Journal of Financial Perspectives* 2: 45–58.
- Lucas, Robert E. 1972. "Expectations and the Neutrality of Money." *Journal of Economic Theory* 4: 103–124.
- Luo, Guo Ying. 1995. "Evolution and Market Competition." *Journal of Economic The-ory* 67: 223–250.
- —. 1998. "Market Efficiency and Natural Selection in a Commodity Futures Market." Review of Financial Studies 11: 647–674.
- —. 1999. "The Evolution of Money as a Medium of Exchange." Journal of Economic Dynamics and Control 23: 415–458.
- —. 2001. "Natural Selection and Market Efficiency in a Futures Market with Random Shocks." Journal of Futures Markets 21: 489–516.
- —. 2003. "Evolution, Efficiency, and Noise Traders in a One-Sided Auction." Journal of Financial Markets 6: 163–197.
- MacDonald, Lawrence G., and Patrick Robinson. 2009. A Colossal Failure of Common Sense: The Inside Story of the Collapse of Lehman Brothers. New York: Three Rivers Press.
- Mallaby, Sebastian. 2010. More Money than God: Hedge Funds and the Making of a New Elite. New York: Penguin.

- Maloney, Michael T., and J. Harold Mulherin. 2003. "The Complexity of Price Discovery in an Efficient Market: The Stock Market Reaction to the *Challenger Crash*." *Journal of Corporate Finance* 9: 453–479.
- Mandelbrot, Benoit B. 1982. *The Fractal Geometry of Nature*. San Francisco: W. H. Freeman.
- Markowitz, Harry. 1952. "Portfolio Selection." Journal of Finance 7: 77-91.
- May, Robert M., Simon A. Levin, and George Sugihara. 2008. "Ecology for Bankers." *Nature* 451: 893–895.
- Maynard Smith, John. 1975. "Survival by Suicide." New Scientist 67:496-497.
- —. 1982. Evolution and the Theory of Games. Cambridge: Cambridge University Press.
- —. 1984. "Game Theory and the Evolution of Behaviour." Behavioral and Brain Sciences 7: 95–125.
- Mayr, Ernst. 2004. What Makes Biology Unique? Considerations on the Autonomy of a Scientific Discipline. New York: Cambridge University Press.
- McClure, Samuel M., David I. Laibson, George Loewenstein, and Jonathan D. Cohen. 2004. "Separate Neural Systems Value Immediate and Delayed Monetary Rewards." *Science* 306: 503–507.
- McCrea, Sean M., and Edward R. Hirt. 2009. "Match Madness: Probability Matching in Prediction of the NCAA Basketball Tournament." *Journal of Applied Social Psychology* 39: 2809–2839.
- McCulloch, Warren, and Walter Pitts. 1943. "A Logical Calculus of the Ideas Immanent In Nervous Activity." *Bulletin of Mathematical Biophysics* 7: 115–133.
- McDougall, Ian, Francis H. Brown, and John G. Fleagle. 2005. "Stratigraphic Placement and Age of Modern Humans from Kibish, Ethiopia." *Nature* 433: 733–736.
- Merton, Robert C. 1973. "Theory of Rational Option Pricing." *Bell Journal of Economics and Management Science* 4: 141–183.
- —. 1989. "On the Application of the Continuous-Time Theory of Finance to Financial Intermediation and Insurance." *Geneva Papers on Risk and Insurance* 14: 225–262.
- —. 1995a. "Financial Innovation and the Management and Regulation of Financial Institutions." *Journal of Banking and Finance* 19: 461–481.
- —. 1995b. "A Functional Perspective of Financial Intermediation." Financial Management 24: 23–41.
- Merton, Robert C., Monica Billio, Mila Getmansky, Dale Gray, Andrew W. Lo, and Loriana Pelizzon. 2013. "On a New Approach for Analyzing and Managing Macrofinancial Risks." *Financial Analysts Journal* 69: 22–33.
- Merton, Robert C., and Zvi Bodie. 2005. "Design of Financial Systems: Towards a Synthesis of Function and Structure." *Journal of Investment Management* 3: 1–23.
- Mezrich, Ben. 2002. Bringing Down The House: The Inside Story of Six MIT Students Who Took Vegas For Millions. New York: Free Press.
- Milgram, Stanley. 1963. "Behavioral Study of Obedience." *Journal of Abnormal and Social Psychology* 67, no. 4, 371–378.
- Miller, Michael B., and Monica Valsangkar-Smyth. 2005. "Probability Matching in the Right Hemisphere." *Brain and Cognition* 57: 165–167.
- Minsky, Marvin Lee. 1986. The Society of Mind. New York: Simon and Schuster.

- Mischel, Walter, Ebbe B. Ebbesen, and Antonette Raskoff Zeiss. 1972. "Cognitive and Attentional Mechanisms in Delay of Gratification." Journal of Personality and Social Psychology 21: 204–218.
- MIT 150 Symposia. 2011. "Economics and Finance: From Theory to Practice to Policy." January 27, 2nd morning session. http://amps-web.amps.ms.mit.edu/public/150th/jan27/150econFinance-part2.html.
- Montague, P. Read, and Gregory S. Berns. 2002. "Neural Economics and the Biological Substrates of Valuation." *Neuron* 36: 265–284.
- Montazerhodjat, Vahid, David M. Weinstock, and Andrew W. Lo. 2016. "Buying Cures versus Renting Health: Financing Health Care with Consumer Loans." *Science Translational Medicine* 8: 327ps6.
- Mossin, Jan. 1966. "Equilibrium in a Capital Asset Market." *Econometrica* 34: 768–783.
- Murphy, Kevin J. 2012. "Pay, Politics, and the Financial Crisis." In *Rethinking Finance: New Perspectives on the Crisis*, edited by Alan S. Blinder, Andrew W. Lo, and Robert Solow, forthcoming. New York: Russell Sage Foundation.
- Muth, John F. 1961. "Rational Expectations and the Theory of Price Movements." *Econometrica* 29: 315–335.
- Nakamoto, Michiyo, and David Wighton. 2007. "Citigroup Chief Stays Bullish on Buyouts." *Financial Times*, July 9.
- Nash, John. 1951. "Non-Cooperative Games." *Annals of Mathematics* 54, no. 2: 286–295.
- National Transportation Safety Board (NTSB). 1993. "Takeoff Stall in Icing Conditions USAIR Flight 405, Fokker F-28, N485US, LaGuardia Airport, Flushing, New York, March 22, 1992." NTSB/AAR-93/02.
- —. 2000. "In-Flight Breakup Over The Atlantic Ocean Trans World Airlines Flight 800 Near East Moriches, New York, July 17, 1996." NTSB/AAR-00/03.
- National Venture Capital Association. 2016. Yearbook. New York: Thomson Reuters.
- Nelson, Richard R., and Sidney G. Winter. 1982. *An Evolutionary Theory of Economic Change*. Cambridge, MA: Belknap Press of Harvard University Press.
- New York Times. 1924. "Polls and Forecasts." November 7.

 —. 1986. "The Shuttle Explosion: Transcript of NASA New
- —. 1986. "The Shuttle Explosion; Transcript of NASA News Conference on the Shuttle Disaster." January 29.
- Niederhoffer, Victor. 1997. *The Education of a Speculator*. New York: John Wiley & Sons.
- Niederhoffer, Victor, and M.F.M. Osborne. 1966. "Market Making and Reversal on the Stock Exchange." *Journal of the American Statistical Association* 61: 897–916.
- Nowak, Martin A., Corina E. Tarnita, and Edward O. Wilson. 2010. "The Evolution of Eusociality." *Nature* 466: 1057–1062.
- Nuijts, Wijnand, and Jakob de Haan. 2013. "DNB Supervision of Conduct and Culture." In *Financial Supervision in the 21st Century*, edited by A. Joanne Kellermann, Jakob de Haan, and Femke de Vries. 151–164. Berlin: Springer-Verlag.
- O'Connor, Mary-Frances, David K. Wellisch, Annette L. Stanton, Naomi I. Eisenberger, Michael R. Irwin, and Matthew D. Lieberman. 2008. "Craving Love? Enduring Grief Activates Brain's Reward Center." *NeuroImage* 42: 969–972.
- Office of Personnel Management. 2014. 2014 Federal Employee Viewpoint Survey: Agency Ratings. Accessed March 18, 2015. http://www.fedview.opm.gov/2014FILES /Global_Satisfaction_Index_Score_Trends_2014.xls.

- Olds, James, and Paul Milner. 1954. "Positive Reinforcement Produced by Electrical Stimulation of Septal Area and Other Regions of Rat Brain." *Journal of Comparative Physiology and Psychology* 47: 419–427.
- Ophir, Eyal, Clifford Nass, and Anthony D. Wagner. 2009. "Cognitive Control in Media Multitaskers." *Proceedings of the National Academy of Sciences* 106: 15583–15587.
- Osborne, M.F.M. 1962. "Periodic Structure in the Brownian Motion of Stock Prices." *Operations Research* 10: 345–379.
- Paine, Robert T. 1966. "Food Web Complexity and Species Diversity." *American Naturalist* 100: 65–75.
- Pasteels, Jacques Marie, Jean-Louis Deneubourg, and Simon Goss. 1987. "Self-Organization Mechanisms in Ant Societies. I: Trail Recruitment to Newly Discovered Food Sources." In From Individual to Collective Behavior in Social Insects: Les Treilles Workshop (Experientia Supplementum, Vol. 54), edited by Jacques Marie Pasteels and Jean-Louis Deneubourg Basel: Bïrkhauser.
- Patterson, Scott. 2009. The Quants: How a Small Band of Math Wizards Took Over Wall St. and Nearly Destroyed It. New York: Crown.
- Pearson, Roberta E., and Máire Messenger Davies. 2014. *Star Trek and American Television*. Berkeley: University of California Press.
- Peltzman, Sam. 1975. "The Effects of Automobile Safety Regulation." *Journal of Political Economy* 83: 677–726.
- Perner, Josef, and Heinz Wimmer. 1985. "'John thinks that Mary thinks that . . .' Attribution of Second-Order Beliefs by 5- to 10-year-old Children." *Journal of Experimental Child Psychology* 39: 437–471.
- Perrow, Charles. 1984. Normal Accidents: Living with High Risk Technologies. New York: Basic Books.
- —. 2010. "The Meltdown Was Not an Accident." In *Markets on Trial: The Economic Sociology of the U.S. Financial Crisis: Part A*, (*Research in the Sociology of Organizations*, edited by Michael Lounsbury, Paul M. Hirsch, Vol. 30, 309–330. Bingley, UK: Emerald Group.
- Pessiglione, Mathias, and Maël Lebreton. 2015. "From the Reward Circuit to the Valuation System: How the Brain Motivates Behavior." In *Handbook of Biobehavioral Approaches to Self-Regulation*, edited by G.H.E. Gendolla et al., 157–173. New York: Springer Science+Business Media.
- Peters, Ellen, and Paul Slovic. 2000. "The Springs of Action: Affective and Analytical Information Processing in Choice." *Personality and Social Psychology Bulletin* 26: 1465–1475.
- Philips, Matthew. 2013. "How the Robots Lost: High-Frequency Trading's Rise and Fall." Bloomberg.com. June 23. http://www.bloomberg.com/news/articles/2013-06-06/how-the-robots-lost-high-frequency-tradings-rise-and-fall.
- Pickard, Lee A. 2008. "Viewpoint: SEC's Old Capital Approach Was Tried—and True." American Banker, August 8.
- Pinker, Steven. 1991. "Rules of Language." Science 253: 530–535.
- —. 1994. The Language Instinct: How the Mind Creates Language. New York: William Morrow.
- Presidential Commission on the Space Shuttle Challenger Accident. 1986. *Report to the President*. http://history.nasa.gov/rogersrep/genindex.htm.

- President's Working Group on Financial Markets. 1999. Hedge Funds, Leverage, and the Lessons of LongTerm Capital Management. http://www.treasury.gov/resource-center/fi pmkts/Documents/hedgfund.pdf.
- Proctor, Darby, Rebecca A. Williamson, Frans B. M. de Waal, and Sarah F. Brosnan. 2013. "Chimpanzees Play the Ultimatum Game." *Proceedings of the National Academy of Sciences* 110: 2070–2075.
- Rajan, Raghuram. 2005. "Has Financial Development Made the World Riskier?" In *The Greenspan Era: Lessons for the Future: A Symposium*, 313–369. Kansas City, MO: Federal Reserve Bank of Kansas City.
- —. 2010. Fault Lines: How Hidden Fractures Still Threaten the World Economy. Princeton, NJ: Princeton University Press.
- Ralston, Aron. 2004. Between a Rock and a Hard Place. New York: Atria Books.
- Rathmann, Peggy. 1994. Good Night, Gorilla. New York: Putnam.
- Rawson, Rosemary. 1979. "Two Ohio Strangers Find They're Twins at 39—and a Dream to Psychologists." People Magazine, May 7. Accessed March 5, 2014. http://www.people.com/people/archive/article/0,,20073583,00.html.
- Reich, David, Richard E. Green, Martin Kircher, Johannes Krause, Nick Patterson, Eric Y. Durand, Bence Viola, Adrian W. Briggs, Udo Stenzel, Philip L. F. Johnson, Tomislav Maricic, Jeffrey M. Good, Tomas Marques-Bonet, Can Alkan, Qiaomei Fu, Swapan Mallick, Heng Li, Matthias Meyer, Evan E. Eichler, Mark Stoneking, Michael Richards, Sahra Talamo, Michael V. Shunkov, Anatoli P. Derevianko, Jean-Jacques Hublin, Janet Kelso, Montgomery Slatkin, and Svante Pääbo. 2010. "Genetic History of an
- Archaic Hominin Group from Denisova Cave in Siberia." *Nature* 468: 1053–1060. Reinhart, Carmen M., and Kenneth S. Rogoff. 2009. *This Time Is Different: Eight Centuries of Financial Folly*. Princeton, NJ: Princeton University Press.
- Rhode, Paul W., and Koleman Strumpf. 2004. "Historical Presidential Betting Markets." *Journal of Economic Perspectives* 18: 127–142.
- Rizzolatti, Giacomo, and Maddalena Fabbri-Destro. 2010, "Mirror Neurons: From Discovery to Autism." *Experimental Brain Research* 200: 223–237.
- Robson, Arthur J. 1996a. "A Biological Basis for Expected and Non-Expected Utility." Journal of Economic Theory 68: 397–424.
- —. 1996b. "The Evolution of Attitudes to Risk: Lottery Tickets and Relative Wealth." Games and Economic Behavior 14: 190–207.
- —. 2001a. "The Biological Basis of Economic Behavior." *Journal of Economic Literature* 39: 11–33.
- —. 2001b. "Why Would Nature Give Individuals Utility Functions?" Journal of Political Economy 109: 900–914.
- Robson, Arthur J, and Lawrence Samuelson. 2007. "The Evolution of Intertemporal Incentives." American Economic Review 97: 492–495.
- ____. 2009. "The Evolution of Time Preference with Aggregate Uncertainty." American Economic Review 99: 925–1953.
- Rolls, Edmund T. 1990. "A Theory of Emotion, and Its Application to Understanding the Neural Basis of Emotion." *Cognition and Emotion* 4: 161–190.
- —. 1994. "A Theory of Emotion and Consciousness, and Its Application to Understanding the Neural Basis of Emotion." In *The Cognitive Neurosciences*, edited by Michael Gazzaniga, 1091–1106. Cambridge, MA: MIT Press.

- —. 1999. *The Brain and Emotion*. Oxford: Oxford University Press.
- —. 2013. Emotion and Decision Making Explained. Oxford: Oxford University Press.
- Rosenthal, Robert. 1994. "Interpersonal Expectancy Effe cts: A 30-Year Perspective." Current Directions in Psychological Science 3: 176–179.
- Rosenthal, Robert, and Kermit L. Fode. 1963. "The E ff ect of Experimenter Bias on the Performance of the Albino Rat." *Behavioral Science* 8, 183–189.
- Rosenthal, Robert, and Lenore Jacobson. 1968. *Pygmalion in the Classroom: Teacher Expectation and Pupils' Intellectual Development*. New York: Holt, Rinehart and Winston
- Ryerson, James. 2004. "Sidewalk Socrates: Sidney Morgenbesser, B. 1921." *New York Times*, December 26.
- Rymer, Russ. 1993. Genie: An Abused Child's Flight from Silence. New York: HarperCollins.
- Sachs, Jeff rey D. 2005. The End of Poverty: Economic Possibilities for Our Time. New York: Penguin Books.
- Sacks, Oliver W. 1974. Awakenings. Garden City, NY: Doubleday.
- Samuelson, Paul A. 1941. "Foundations of Economic Analysis." Ph.D. diss., Harvard University.
- —. 1947. Foundations of Economic Analysis. Cambridge: Harvard University Press.
- —. 1948. Economics. New York: McGraw-Hill Book Co.
- —. 1965. "Proof That Properly Anticipated Prices Fluctuate Randomly." *Industrial Management Review* 6: 41–49.
- —. 1973. "Mathematics of Speculative Price." SIAM Review 15: 1–42.
- —. 1998. "How Foundations Came to Be." Journal of Economic Literature 36: 1375–1386.
- Samuelson, Paul A., and William D. Nordhaus. 2010. *Economics*. Boston: McGraw-Hill Irwin.
- Sanfey, Alan G., James K. Rilling, Jessica A. Aronson, Leigh E. Nystrom, and Jonathan D. Cohen. 2003. "The Neural Basis of Economic Decision-Making in the Ultimatum Game." *Science* 300: 1755–1758.
- Sanger, David E. 1986. "Fiery End of Challenger Described in New Detail by NASA Officials." *New York Times*, February 15.
- Sato, Akie, Colm O'hUigin, Felipe Figuero, Peter R. Grant, B. Rosemary Grant, Herbert Tichy, and Jan Klein. 1999. "Phylogeny of Darwin's Finches as Revealed By mtDNA Sequences." *Proceedings of the National Academy of Sciences* 96: 5101–5106.
- Satow, Julie. 2008. "Ex-SEC Official Blames Agency for Blow-Up of Broker-Dealers." New York Sun, September 18.
- Saver, Jeffrey L., and Antonio R. Damasio. 1991. "Preserved Access and Processing of Social Knowledge in a Patient with Acquired Sociopathy Due to Ventromedial Frontal Damage." *Neuropsychologia* 29: 1241–1249.
- Scarf, Herbert. 1973. *The Computation of Economic Equilibria*. New Haven, CT: Yale University Press.
- Schlaepfer, Martin A., Michael C. Runge, and Paul W. Sherman. 2002. "Ecological and Evolutionary Traps." *Trends in Ecology and Evolution* 17: 474–480.

- Schoenemann, P. Thomas, Michael J. Sheehan, and L. Daniel Glotzer. 2005. "Prefrontal White Matter Is Disproportionately Larger In Humans than in Other Primates." *Nature Neuroscience* 8: 242–252.
- Scholes, Myron S. 2006. "Derivatives in a Dynamic Environment." In *The Derivatives Sourcebook*, edited by Terence Lim, Andrew W. Lo, Robert C. Merton, Myron S. Scholes, and Martin B. Haugh. Boston: Now Publishers.
- Schüll, Natasha Dow. 2012. *Addiction by Design: Machine Gambling in Las Vegas*. Princeton, NJ: Princeton University Press.
- Schumpeter, Joseph A. 1942. *Capitalism, Socialism, and Democracy*. New York: Harper & Brothers.
- Schwartz, Robert A., and David K. Whitcomb. 1977. "The Time-Variance Relationship: Evidence on Autocorrelation in Common Stock Returns." *Journal of Finance* 32: 41–55.
- Seal, David. 2009. "Madoff's World." *Vanity Fair.* March 4. http://www.vanityfair.com/news/2009/04/bernard-madoff-friends-family-profile
- Securities and Exchange Commission (SEC). 1969. 35th Annual Report for the Fiscal Year Ended June 30th, 1969. Washington, DC: Government Printing Office.
- —. Office of Investigations. 2009. *Investigation of Failure of the SEC to Uncover Bernard Madoff's Ponzi Scheme*. Public version. Report OIG-509. August 31. Washington, DC: Government Printing Office.
- —. 2014. *Agency Financial Report: Fiscal Year 2014*. Washington, DC: Securities and Exchange Commission.
- Sharpe, William F. 1964. "Capital Asset Prices—A Theory of Market Equilibrium Under Conditions of Risk." *Journal of Finance* 19: 425–442.
- Shiller, Robert J. 2005. "'Irrational Exuberance'—Again." Money Magazine, January 25. Accessed July 25, 2013. http://money.cnn.com/2005/01/13/real_estate/realestate_shiller1_0502/.
- Siegel, Jeremy J. 2014. Stocks for the Long Run: The Definitive Guide to Financial Market Returns and Long-Term Investment Strategies. New York: McGraw-Hill.
- Simon, Herbert A. 1953. "A Behavioral Theory of Rational Choice." The RAND Corporation, P-365.
- —. 1955. "A Behavioral Theory of Rational Choice." Quarterly Journal of Economics 69: 99–118.
- —. 1969. The Sciences of the Artificial. Cambridge, MA: MIT.
- —. 1991. Models of My Life. New York: Basic Books.
- —. 1997. Administrative Behavior. New York: Simon and Schuster.
- Sirri, Erik R. 2009. "Securities Markets and Regulatory Reform." Speech delivered to the National Economists Club, April 9. http://www.sec.gov/news/speech/2009/spch040909ers.htm.
- Slovic, Paul. 1999. "Trust, Emotion, Sex, Politics, and Science: Surveying the Risk-Assessment Battlefield." *Risk Analysis* 19: 689–701.
- Smaers, Jeroen B., James Steele, Charleen R. Case, Alex Cowper, Katrin Amunts, and Karl Zilles. 2011. "Primate Prefrontal Cortex Evolution: Human Brains Are the Extreme of a Lateralized Ape Trend." *Brain, Behavior, and Evolution* 77: 67–78.
- Smith, Adam. 2005. An Inquiry into the Nature and Causes of the Wealth of Nations. Chicago: University of Chicago Press.

- Smith, David V., Benjamin Y. Hayden, Trong-Kha Truong, Allen W. Song, Michael L. Platt, and Scott A. Huettel. 2010. "Distinct Value Signals in Anterior and Posterior Ventromedial Prefrontal Cortex." *Journal of Neuroscience* 30: 2490–2495.
- Sobel, Russell S., and Todd M. Nesbit. 2007. "Automobile Safety Regulation and the Incentive to Drive Recklessly: Evidence from NASCAR." *Southern Economic Journal* 74: 71–84.
- Société Générale. 2008. "General Inspection Department. Mission Green: Summary Report." May 20. English translation. Archived copy available at: https://web.archive.org/web/20081123181533/http://www.socgen.com/sg//file/fichierig/document IG_5197/rapportmissiongreen.pdf.
- Sociobiology Study Group. 1975. "Against 'Sociobiology,' A letter from Stephen Jay Gould, Richard Lewontin and members of the Sociobiology Study Group outlining criticisms of, and objections to, E. O. Wilson's Sociobiology: The New Synthesis." New York Review of Books 22: November 13.
- Solow, Robert M. 1956. "A Contribution to the Theory of Economic Growth." *Quarterly Journal of Economics* 70: 65–94.
- Sorkin, Andrew Ross, Diana B. Henriques, Edmund L. Andrews, and Joe Nocera. 2008. "As Credit Crisis Spiraled, Alarm Led to Action." *New York Times*, October 2.
- Soros, George. 1987. The Alchemy of Finance: Reading the Mind of the Market. New York: Simon and Schuster.
- Steiger, William L. 1964. "A Test of Nonrandomness in Stock Price Changes." In *The Random Character of Stock Market Prices*, edited by Paul Cootner. Cambridge, MA: MIT Press.
- Stiglitz, Joseph E. 2009. "Capitalist Fools." Vanity Fair, January.
- Stock, James H., and Mark W. Watson. 2003. "Has the Business Cycle Changed and Why?" In *NBER Macroeconomics Annual 2002*, edited by Mark Gertler and Kenneth Rogoff, 159–230. Cambridge, MA: MIT Press.
- Striedter, Georg F. 2005. *Principles of Brain Evolution*. Sunderland, MA: Sinauer Associates.
- —. 2006. "Précis of Principles of Brain Evolution." Behavioral and Brain Sciences 29: 1-36.
- Sulloway, Frank. 1982. "Darwin and His Finches: The Evolution of a Legend." *Journal of the History of Biology* 15: 1–53.
- Surowiecki, James. 2004. The Wisdom of Crowds. New York: Random House.
- Šuvakov, Milovan, and Veljko Dmitrašinović. 2013. "Three Classes of Newtonian Three-Body Planar Periodic Orbits." Physical Review Letters 110: 114301.
- Takahashi, Hidehiko, Motoichiro Kato, Masato Matsuura, Dean Mobbs, Tetsuya Suhara, and Yoshiro Okubo. 2009. "When Your Gain Is My Pain and Your Pain Is My Gain: Neural Correlates of Envy and Schadenfreude." *Science* 323: 937–939.
- Talbot, David. 2012. "Given Tablets but No Teachers, Ethiopian Children Teach Themselves." *MIT Technology Review*, October 29. http://www.technologyreview .com/news/506466/given-tablets-but-no-teachers-ethiopian-children-teach -themselves/.
- Tattersall, Ian. 1998. Becoming Human. New York: Harcourt Brace.
- —. 2010. "Human Evolution and Cognition." *Theory in Biosciences* 129: 193–201.

- Th ackray, John. 1977. "Whatever Happened to the Hedge Funds?" *Institutional Investor* (May): 71–74.
- Thal Larsen, Peter. 2007. "Goldman Pays the Price of Being Big." Financial Times, August 14.
- Thomas, David. 2012. "Oncology Clinical Trials— Secrets of Success." *BOTech-NOW*, February 24. http://www.biotech-now.org/business-and-investments/2012/02/on cology-clinical-trials-secrets-of-success.
- Thu ijsman, Frank, Bezalel Peleg, Mor Amitai, and Avi Shmida. 1995. "Automata, Matching and Foraging Behavior of Bees." *Journal of Theoretical Biology* 175: 305–316.
- Tierney, John. 2011. "Do You Suffer From Decision Fatigue?" New York Times, August 17.
- Tinbergen, Jan. 1956. Economic Policy: Principles and Design. Amsterdam: North Holland.
- Tobin, James. 1958. "Liquidity Preference as Behavior towards Risk." *Review of Economic Studies* 25: 65–86.
- Tooby, John, and Leda Cosmides. 2005. "Conceptual Foundations of Evolutionary Psychology." In The Handbook of Evolutionary Psychology, edited by David M. Buss, 5–67. Hoboken, NJ: John Wiley & Sons.
- Treynor, Jack L. 1961. "Market Value, Time, and Risk." Unpublished manuscript dated August 8, 1961, No. 95–209.
- —. 1962. "Toward a Theory of Market Value of Risky Assets." Unpublished manuscript.
- Trivers, Robert L. 1971. "The Evolution of Reciprocal Altruism." *Quarterly Review of Biology* 46: 35–57.
- —. 1972. "Parental Investment and Sexual Selection." In Sexual Selection and the Descent of Man 1871–1971, edited by Bernard G. Campbell, 136–179. Chicago, IL: Aldine
- —. 2002. Natural Selection and Social Theory: Selected Papers of Robert L. Trivers. Oxford: University Press.
- Tullock, Gordon. 1979. "Sociobiology and Economics." Atlantic Economic Journal 7: 1–10.
- Tversky, Amos, and Daniel Kahneman. 1971. "Belief in the Law of Small Numbers." *Psychological Bulletin* 76: 105–110.
- —. 1974. "Judgment under Uncertainty: Heuristics and Biases." *Science* 185: 1124–1131.
- —. 1981. "The Framing of Decisions and the Psychology of Choice." *Science* 211: 453–458.
- Veblen, Thorstein. 1898. "Why Is Economics not an Evolutionary Science?" *Quarterly Journal of Economics* 12: 373–397.
- Von Neumann, John, and Oskar Morganstern. 1944. *Theory of Games and Economic Behavior*. Princeton, NJ: Princeton University Press.
- Vorzimmer, Peter. 1969. "Darwin, Malthus, and the Theory of Natural Selection." *Journal of the History of Ideas* 30: 527–542.
- Waldman, Michael. 1994. "Systematic Errors and the Theory of Natural Selection." American Economic Review 84: 482–497.

- Weibull, Jörgen W. 1995. Evolutionary Game Theory. Cambridge, MA: MIT Press.
- Weiner, Jonathan. 1994. The Beak of the Finch: A Story of Evolution in Our Time. New York: Knopf.
- Weinshall-Margel, Keren, and John Shapard. 2011. "Overlooked Factors in the Analysis of Parole Decisions." *Proceedings of the National Academies of Science* 108, no. 42: E833.
- Wells, Tom. 2001. Wild Man: The Life and Times of Daniel Ellsberg. New York: Palgrave.
- West-Eberhard, Mary Jane. 2003. *Developmental Plasticity and Evolution*. New York: Oxford University Press.
- Wicker, Bruno, Christian Keysers, Jane Plailly, Jean-Pierre Royet, Vittorio Gallese, and Giacomo Rizzolatti. 2003. "Both of Us Disgusted in My Insula: The Common Neural Basis of Seeing and Feeling Disgust." *Neuron* 40: 655–664.
- Wilcox, Allen J., Clarice R. Weinberg, John F. O'Connor, Donna D. Baird, John P. Schlatterer, Robert E. Canfield, E. Glenn Armstrong, and Bruce C. Nisula. 1988.
 "Incidence of Early Loss of Pregnancy." New England Journal of Medicine 319: 189–194.
- Wilford, John Noble. 1986. "The Shuttle Inquiry; NASA's Inquiry Begins: Status Is Not Disclosed." *New York Times*, January 31.
- Wilson, Edward O. 1975. Sociobiology: The New Synthesis. Cambridge, MA: Harvard University Press.
- —. 1994. Naturalist. Washington, DC: Island Press/Shearwater Books.
- —. 1998. Consilience. New York: Alfred A. Knopf.
- Winston, Patrick Henry. 2012. "The Right Way." *Advances in Cognitive Systems* 1: 23–36.
- Wolfe, Tom. 1987. The Bonfire of the Vanities. New York: Farrar, Straus Giroux.
- Wolford, George, Michael B. Miller, and Michael Gazzaniga. 2000. "The Left Hemisphere's Role in Hypothesis Formation." *Journal of Neuroscience* 20: RC64.
- Woodward. Susan. 2009. "The Subprime Crisis of 2008: A Brief Background and a Question." ASSA Session on Recent Financial Crises, January 3.
- Woolverton, William L., and James K. Rowlett. 1998. "Choice Maintained by Cocaine or Food in Monkeys: Effects of Varying Probability of Reinforcement." *Psychopharmacology* 138: 102–106.
- Wright, Paul, Guojun He, Nathan A. Shapira, Wayne K. Goodman, and Yijun Liu. 2004. "Disgust and the Insula: fMRI Responses to Pictures of Mutilation and Contamination." *NeuroReport* 15: 2347–2341.
- Young, John S. 1981. "Discrete-Trial Choice in Pigeons: Effects of Reinforcer Magnitude." *Journal of the Experimental Analysis of Behavior* 35: 23–29.
- Zajonc, R. B. 1980. "Feeling and Thinking: Preferences Need No Inferences." *American Psychologist* 35: 151–175.
- —. 1984. "On the Primacy of Affect." *American Psychologist* 39: 117–123.
- Zak, Paul J., Angela A. Stanton, and Sheila Ahmad. 2007. "Oxytocin Increases Generosity in Humans." *PLoS ONE* 2: e1128.
- Zeckhauser, Richard, and Victor Niederhoffer. 1983. "How Rational Are the Participants in Financial Markets?" Presentation at American Economic Association, San Francisco, December 28.

- Zhang, Ruixun, Thomas J. Brennan, and Andrew W. Lo. 2014. "Group Selection as Behavioral Adaptation to Systematic Risk." *PLoS ONE* 9, no. 10: e110848. doi:10.1371 /journal.pone.0110848.
- Zimbardo, Philip G. 2007. *The Lucifer Effect: Understanding How Good People Turn Evil.* New York: Random House.
- Zweig, Jason. 2015. "The Day Wall Street Changed." *Wall Street Journal*, April 30. http://blogs.wsj.com/moneybeat/2015/04/30/the-day-that-changed-wall-street-forever/.